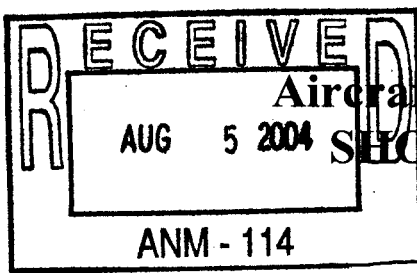


298251



**Aircraft Certification Service
SHORT' WORKSHEET**

Hyperlinked AD Forms

FAA-04-19183-4

DOCKET NUMBER:
TECH WRITER:

2004-NM-158-AD

FCAA AD No./Revision/Date (Attach 1 copy): EASA AD No F-2004-104 dated July 7, 2004

Manufacturer Service Information/Revision/Date (Attach 2 clean copies): Airbus Aircraft Flight Manual (AFM) Temporary Revision (TR) 4.02.00/22 *copy of approved version requested.*

PROPOSED CORRESPONDING ACTION:

- | | |
|---|---|
| <input type="checkbox"/> Emergency AD | Is this action one of the following? |
| <input checked="" type="checkbox"/> Immediately Adopted AD | <input type="checkbox"/> Supersedure of AD (Docket No. _____) |
| <input type="checkbox"/> Notice of Proposed Rulemaking | <input type="checkbox"/> Revision of AD (Docket No. _____) |
| <input type="checkbox"/> Final rule after NPRM
(If FRAN, complete Attachment A.) | <input type="checkbox"/> Supplemental NPRM (Docket No. _____)
(If any of the above is checked, complete Attachment B.) |
| <input type="checkbox"/> Other (NFR/DFR) | <input type="checkbox"/> Scratch Criteria |

Project Engineer Name/Title: Tim Dulin, Aerospace Engineer
Branch: ANM-116 **Telephone:** 425-227-2141
Backup engineer: Dan Rodina **Telephone:** 425-227-2125

2004 SEP 30 A 10:05
NOT FOR TRANSMISSION
DO NOT DISCLOSE

For each AD item numbered below, provide draft text and/or FCAA AD or SB references. WHERE POSSIBLE, answer items using markup of FCAA AD or SB, & mark with the AD item number.

1. Model, Applicability, # Airplanes (both U.S. & worldwide) - Refer to FCAA AD or SB; state any differences for the U.S. AD:

Airbus Model A318, A319, A320, and A321 airplanes equipped with Airbus Electronic Instrument System EIS2 with Liquid Crystal Display (LCD) Display Units installed per Airbus Modification 30368 or 31495 in production or Airbus Service Bulletin A320-31-1193 or A320-31-A1198 in service (200 in US)

AD Summary and Discussion Sections:

2. What has the FCAA/mfgr told the FAA? **"The FCAA advises that ..."**
Describe background/events that prompted the AD in 1-2 sentences. Refer to FCAA AD or SB 'Reason.'

There have been several events of total loss of all EIS2 LCD Display Units during cruise for short period of time. The standby instruments were used and the display units were eventually recovered. Subsequent investigation revealed that the 3 display management computers received erroneous data from one LCD unit.

3a. What is the unsafe condition AND its cause? **"These actions are intended to prevent..."**
Describe unsafe condition and its cause in 2-3 sentences (non-technical terms). Refer to FCAA AD or SB 'Reason.'

Provide procedures for the flight crew to follow in event of loss of all EIS2 LCD display units

3b. What is the end-level effect on the airplane? **"...which could result in..."**
Provide a 1-sentence description; use non-technical terms.

Reduced ability to control the airplane

4. (Yes or No) Is the corrective action required in this AD considered to be interim action?

Yes

5. (Yes or No) Is this action considered sensitive, or is it related to a Safety Recommendation?
(If yes, state why sensitive, and/or provide copy of FAA/NSTB Safety Recommendation.)

No

6. AD Differences or Exceptions to Policy (if needed):
AD..."

"This AD differs from the FCAA

Check if: Flight with Cracks (exception to policy)___; No Flight with Cracks___; Mandate Term Action ___;
Not Mandating Term Action (exception to policy)___; Contact Mgr, FAA___; Compliance time ___;
Mandate AFM Action___; Contact Mgr or FCAA___

Describe any other differences between service bulletin (or exceptions to policy) and this proposed FAA AD.

Our AD will not mandate changes to the Master Minimum Equipment List (MMEL). The FAA approved MMEL already limits operations as much or more than the changes mandated by the EASA AD.

AD Cost Impact Section:

7a. Work hours for corrective action(s) required: (List hours or reference SB 'Manpower').

1 work hour to revise AFM

7b. Parts Cost, if any: (List costs or reference SB 'Material - Cost and Availability').

None

AD Body Section:

For EACH corrective action, mark up FCAA AD or SB, if usable -OR- fill out Corrective Action Table below.

8a: Action # 1

What is the corrective action? Incorporate Airbus AFM TR 4.02.00/22 into the Limitation Section of the FAA approved AFM

What is its compliance time? 10 days

(Add grace period if not available)

What is repetitive interval? N/A

8b: Action # 2

What is the corrective action?

What is its compliance time?

(Add grace period if not available)

What is repetitive interval?

9. (Yes or No) Should corrective action(s) required in this AD to be applied to spares as well?

N/A

10. Should a ferry flight permit be: X Permitted ___ Permitted with limitations* ___ Prohibited

*List limitations.

11. Check the category that best describes the cause of the unsafe condition addressed by this AD:

X Design Problem

___ Unapproved Parts

___ Operational

___ Maintenance

___ Quality Control Problem**

___ Other (specify):

**Reporting Req't Needed? ___